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CLAIMS:

We claim:

1	A database access system	COMPRICIPAT
	A database access system	COLLIDITALIO.
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a universal database connectivity driver having a first exposed interface through which access to a database server can be provided;

a database proxy driver registered with said universal database connectivity driver, said database proxy driver having a second exposed interface which conforms with said first exposed interface of said universal database connectivity driver, said database proxy driver having a configuration for invoking at least one auxiliary task in addition to providing access to said database server through said first exposed interface of said universal database connectivity driver; and,

a database driven application programmatically linked to said database proxy driver.

- 2. The database access system of claim 1, wherein each of said universal database connectivity driver, database proxy driver and database driven application are disposed in an edge device in a computer communications network.
- 1 3. The database access system of claim 2, wherein said auxiliary task is load balancing.
 - 4. The database access system of claim 1, wherein said auxiliary task is caching.

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- 1 5. The database access system of claim 1, further comprising:
- a log file of data request meta-information; and,
- an application analyzer configured to tune operation of said auxiliary task based
- 4 upon said meta-information.
- 1 6. A database access method, the method comprising:
 - receiving a database connectivity request through a corresponding first exposed database connectivity method from a database driven application;

forwarding said database connectivity request to an underlying database connectivity driver through a corresponding second exposed method having a method prototype which matches a method prototype of said first exposed database connectivity method; and,

performing at least one auxiliary task in addition to forwarding said database connectivity request.

- The database access method of claim 6, further comprising performing each of the receiving, forwarding and performing steps in an edge device.
- 1 8. The database access method of claim 7, wherein said performing step
- 2 comprises performing a load balancing task.
 - 9. The database access method of claim 7, wherein said performing step
- 2 comprises performing a database caching task.

10.	The database access method of claim 6, further comprising:
	collecting meta-data for each received database connectivity request; and
	modifying operation of said auxiliary task based upon an analysis of said
collec	cted meta-data.

- 11. The database access method of claim 10, wherein said modifying step comprises generating rules which direct database connectivity requests to particular instances of a database server which are most likely to respond quickly based upon database latency patterns inherent in said collected meta-data.
- 12. The database access method of claim 11, wherein said modifying step comprises selectively caching result sets in a database cache based upon request frequency patterns inherent in said collected meta-data.
- 13. A machine readable storage having stored thereon a computer program for providing database access, the computer program comprising a routine set of instructions for causing the machine to perform the steps of:
- receiving a database connectivity request through a corresponding first exposed database connectivity method from a database driven application;
- forwarding said database connectivity request to an underlying database connectivity driver through a corresponding second exposed method having a method

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- prototype which matches a method prototype of said first exposed database connectivity method; and,
 - performing at least one auxiliary task in addition to forwarding said database connectivity request.
- 14. The machine readable storage of claim 13, further comprising performing each of the receiving, forwarding and performing steps in an edge device.
 - 15. The machine readable storage of claim 14, wherein said performing step comprises performing a load balancing task.
 - 16. The machine readable storage of claim 14, wherein said performing step comprises performing a database caching task.
 - 17. The machine readable storage of claim 13, further comprising: collecting meta-data for each received database connectivity request; and, modifying operation of said auxiliary task based upon an analysis of said collected meta-data.
 - 18. The machine readable storage of claim 17, wherein said modifying step comprises generating rules which direct database connectivity requests to particular instances of a database server which are most likely to respond quickly based upon database latency patterns inherent in said collected meta-data.

- 1 19. The machine readable storage access method of claim 17, wherein said
- 2 modifying step comprises selectively caching result sets in a database cache based
- 3 upon request frequency patterns inherent in said collected meta-data.